

Generate Collection

L9: Entry 10 of 55

File: USPT

Oct 17, 1995

DOCUMENT-IDENTIFIER: US 5458892 A

TITLE: Chewing gum and other comestibles containing indigestible dextrin

Abstract Text (1):

Chewing gum products and other comestibles containing indigestible dextrin and methods of making such products are disclosed. In one embodiment, the indigestible dextrin is used in a rolling compound applied to the chewing gum product. In a second embodiment, the indigestible dextrin is used in a coating, such as a hard-shell coating, for a pellet gum. In a third embodiment, indigestible dextrin is used in the center fill of a chewing gum. In a fourth embodiment, aspartame is used to sweeten the gum composition, and indigestible dextrin is provided in an effective amount to stabilize the aspartame such that after eight weeks of storage at 85.degree. F., at least 10% more aspartame remains undecomposed than would have remained if the indigestible dextrin were not included. Indigestible dextrin is also codried with other sweeteners, coevaporated to make syrups and used as an encapsulating agent for high-intensity sweeteners used in gum compositions.

Brief Summary Text (11):

Chewing gum products and other comestibles containing indigestible dextrin and methods of making such products have been invented. In one embodiment, the indigestible dextrin is used in a rolling compound applied to the chewing gum product. In a second embodiment, the indigestible dextrin is used in a coating, such as a hard-shell coating, for a pellet gum. In a third embodiment, indigestible dextrin is used in a center fill of a chewing gum product. In a fourth embodiment, aspartame is used to sweeten the gum composition, and indigestible dextrin is provided in an effective amount to stabilize the aspartame such that after eight weeks of storage at 85.degree. F., at least 10% more aspartame remains undecomposed than would have remained if the indigestible dextrin were not included. In another embodiment, indigestible dextrin purified to remove fermentable components is used to make chewing gum and other comestibles. Indigestible dextrin is also used in another embodiment as an encapsulating agent for high intensity sweeteners or flavors used in gum compositions. In yet another embodiment, indigestible dextrin is co-dried from a solution with another sweetener selected from the group consisting of sugar sweeteners, alditol sweeteners and high potency sweeteners and used in a gum composition. In still another embodiment, indigestible dextrin and a plasticizing agent are co-evaporated to form a syrup that is used in a gum composition.